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Please type a plus sign (+) inside this box → Approved for use through 10/31/2000. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 03678.0023.CNUS03

First Inventor Benjamin R. YERXA

Title Method of Treating Dry Eye Disease
With Purinergic Receptor Agonists

Express Mail EL615209922US

11045 US PTO 10/01/055

TO
11045**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 30]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross reference to Related Applications
-Statement Regarding Fed Sponsored R & D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Detailed Description
-Claim(s)
-Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Pages 4]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for continuation/divisional with Box 17 completed)
 - DELETION OF INVENTOR(S)**
Signed statement attached deleting Inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
 Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

- CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - Computer Readable Form (CRF)
 - Specification Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
 - Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- Assignment papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
- English Translation Document (if applicable)
- Information disclosure Copies of IDS
Statement (IDS)/PTO-1449 Citations
- Preliminary Amendment
- Return Postcard (MPEP 503)
(Should be specifically itemized)
- Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

 Continuation Divisional Continuation-in-Part (CIP) prior application No.: 09/171,169, filed October 14, 1998

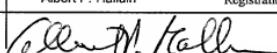
Prior application information: Examiner H. Owens, Jr.

Group I Art Unit: 1623

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	27193		<input type="checkbox"/> Correspondence address below
Name	Howrey Simon Arnold & White, LLP		
Address	301 Ravenswood Avenue		
City	Menlo Park	State	CA
Country	USA	Telephone	650-463-8109
Zip Code	94025		Fax 650-463-8400

NAME (Print/Type)	Albert P. Hallinan	Registration No. (Attorney/Agent)	25,227
Signature			Date Nov. 9, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$820.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Benjamin R. YERXA
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	03678.0022.CNUS03

METHOD OF PAYMENT

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Acct. No. **08-3038**
Deposit Account Name **Howrey Simon Arnold & White, LLP**

Charge Any Additional Fee Required
Under 37 CFR 1.26 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370
105	330	206	165
107	510	207	255
108	740	208	370
114	180	214	80
SUBTOTAL (1)			\$740.00

2. EXTRA CLAIM FEES

Total Claims	-20*	Extra Claims	Fee from below	Fee Paid
12	-20*	0	X 0	= 0
Independent Claims 4	- 3**	1	X 84	= 84
Multiple Dependent				0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	280	204 140 Multiple dependent claim, if not paid
169	84	269 44 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		
\$84.00		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Entity Fee	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or cell	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,060	228	960 Extension for reply within fifth month	
119	320	219	150 Notice of Appeal	
120	320	220	180 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,200	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or resuse)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
128	180	128	180 Submission of Information Disclosure Stmt	
169	900	169	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740	270	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete if applicable

Name (Print/Type) **Albert P. Hallinan, Viola T. Kung** Registration No. (Attorney/Agent) **25,227, 41,131** Telephone **650-463-8109**
 Signature  Date **Nov. 9, 2001**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Benjamin R. YERXA, *et al.*

Appl. No. Not Yet Assigned

Filed: Herewith

For: **METHOD OF TREATING DRY EYE
DISEASE WITH PURINERGIC
RECEPTOR AGONISTS**

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Atty. Docket: 03678.0023.CNUS03

BOX PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

Express Mail Certificate

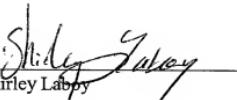
"Express Mail" label number **EL615209922US**

Date of Deposit November 9, 2001

I hereby certify that the following **attached** paper and fee

1. Utility Application for Patent Transmittal (1 page);
2. Fee Transmittal (1 page);
3. Patent Application Cover Sheet (1 page);
4. Patent Application (specification 23 pages; claims 6 pages; abstract 1 page);
5. Copy of Combined Declaration and Power of Attorney as previously filed (4 pages);
6. 2 Sheets of formal drawings;
7. Check in the amount of \$820.00; and
8. Return receipt postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents and Trademarks, Washington, D.C. 20231, or to the Commissioner for Patents, at the same address.



Shirley Lappy